# Epics

**User Interface:**

* **Command Line Interface** (story)**: As a** User, **I want** to be able to use a CLI, **so that** I can interact with the IMS.
  + Task: Package the application as a fatjar so it can run through a CLI.
  + **Given** the user is in the command line, **when** they input a command, **then** the menu should work.
* **Menus: As a** User, **I want** to be able to see a menu, **so that** I can know what to input.
  + Task: Create a scanner input with a simple menu.
  + **Given** the user is in the command line, **when** the application starts, **then** they should see a menu.

**CRUD:**

* **CRUD Functionality** (story)**: As a** User, **I want** to be able to create, read, update and delete database information, **so that** I can edit customers, orders and items in the system.
  + Task: Add CRUD functionality for Customers.
  + Task: Add CRUD functionality for Items.
  + Task: Add CRUD functionality for Orders.
  + **Given** the user is in the IMS, **when** they try to use CRUD, **then** they should be able to interact with the database.

**Database:**

* **Customer Detail** (story)**: As a** User, **I want** customers to have a name, **so that** I can see who they are.
  + Task: Create Customer table with appropriate fields.
  + **Given** the user is in the IMS, **when** they try to view customers, **then** they should be able see customers with a forename and surname.
* **Item Details** (story)**: As a** User, **I want** items to have a name and value, **so that** I can see what they are and how they are priced.
  + Task: Create Items table with appropriate fields.
  + **Given** the user is in the IMS, **when** they try to view items, **then** they should be able see items with a name and value.
* **Order Details** (story)**: As a** User, **I want** orders to have a customer and related items, **so that** I can see which customer has ordered what.
  + Task: Create Orders table with appropriate fields.
  + **Given** the user is in the IMS, **when** they try to view orders, **then** they should be able see orders by customers with the ordered item(s).

**Testing:**

* **CRUD Tests** (story)**: As a** Developer, **I want** to be able test my CRUD functionality, **so that** I know my application is working.
  + Task: Write tests for Customer CRUD.
  + Task: Write tests for Item CRUD.
  + Task: Write tests for Order CRUD.
  + **Given** the tests have been written, **when** they are run, **then** they should show either success or failure.

**README**:

* **README Instructions** (story)**: As a** Developer, **I want** to create a README, **so that** users know how to use the application.
  + Task: Edit README file.
  + **Given** the instructions have been written, **when** the user reads them, **then** they should understand how to run the IMS.